

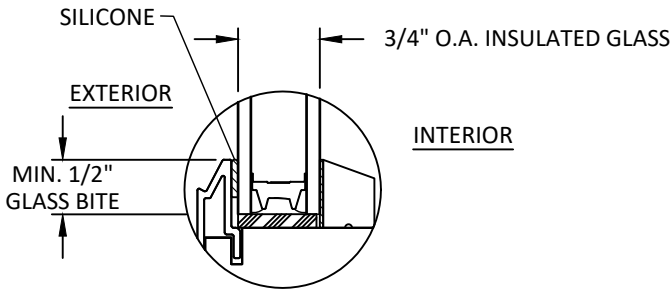
ANDERSEN CORPORATION

MULTIGLIDE DOOR

(NON-IMPACT) (NON-HVHZ)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: ALUMINUM 6063-T6 / FIBERGLASS.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE SHEET 1 FOR GLAZING DETAIL.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: OPERABLE PANEL
 - O: FIXED PANEL
 - P: OPERABLE POCKET PANEL
9. CUSTOM SIZES AVAILABLE UPON REQUEST.



GLAZING DETAIL

GLAZING NOTES:

1. GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLE ON SHEET 1.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAILS
2	ELEVATION
3	ANCHOR LAYOUT & ANCHOR SCHEDULE
4	ELEVATION
5	ANCHOR LAYOUT & ANCHOR SCHEDULE
6	ELEVATION
7	ANCHOR LAYOUT & ANCHOR SCHEDULE
8	VERTICAL SECTIONS
9	HORIZONTAL SECTIONS
10	HORIZONTAL SECTION
11	HORIZONTAL SECTION
12	HORIZONTAL SECTIONS
13	INSTALLATION NOTES & ANCHOR DETAILS

DESIGN PRESSURE RATING			
O.A SIZE	ALLOWABLE CONFIGURATION (INTERIOR STACK)	DESIGN PRESSURE	IMPACT RATING
SEE PAGES 2, 4, & 6	SEE PAGES 2, 4, & 6	SEE PAGES 2, 4, & 6	NON-IMPACT

ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE:
MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)

GENERAL AND GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
ELEVATION UPDATE	MS	01.25.22
8TH FBC CODE CHANGE	SH	10.11.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.10.18 13:39:59 -0400

HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL28047

DATE: 01.30.19

DWG. BY: HR	CHK. BY: HFN
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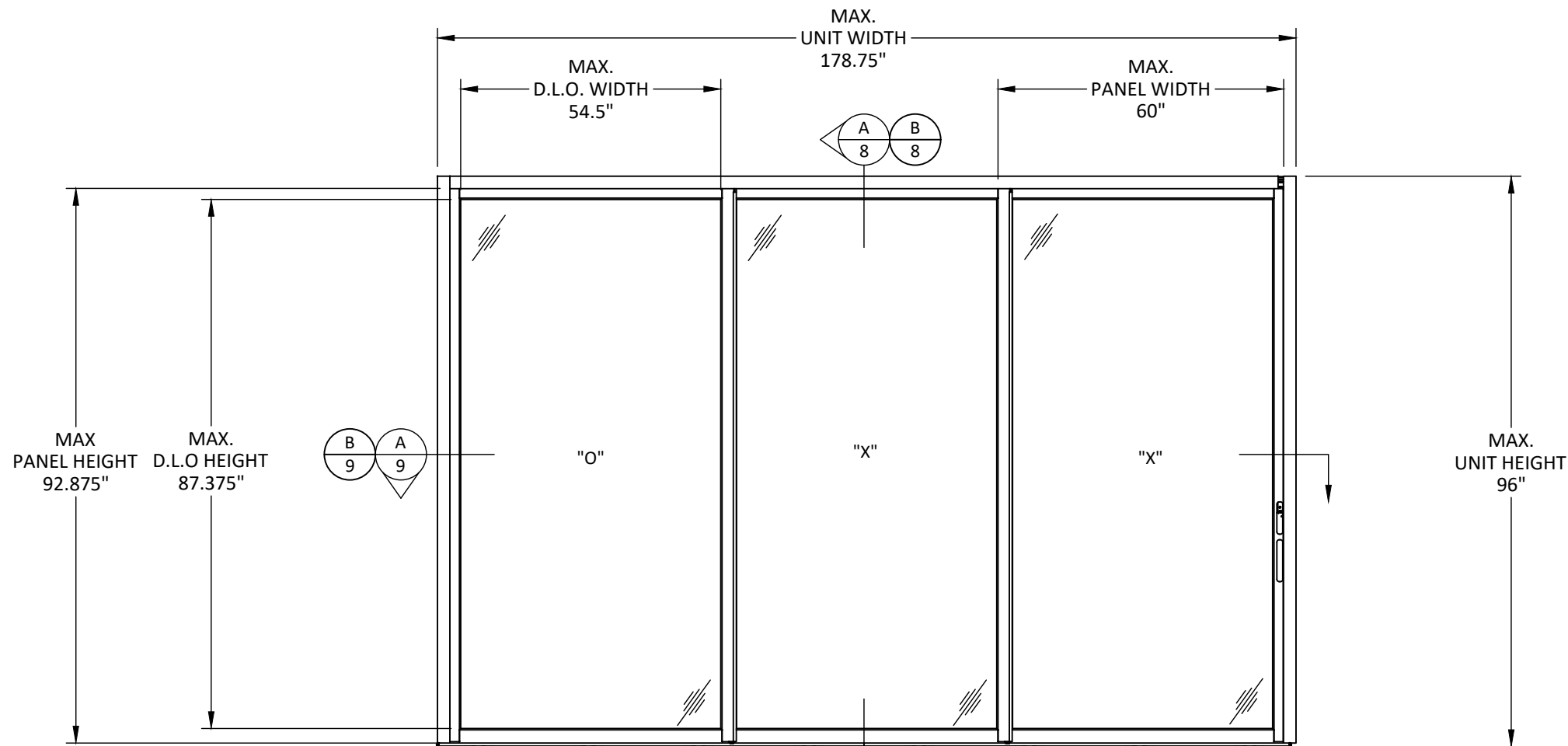
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SHEET

1

OF 13

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TYPICAL ELEVATION
OXX

CONFIGURATION APPROVED AT +/-40 PSF:
2-PANEL: OX & XO
3-PANEL: XXO
ABOVE CONFIGURATIONS ARE QUALIFIED
FOR PANEL SIZE SHOWN.



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TITLE: **MULTIGLIDE DOOR**
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ELEVATION

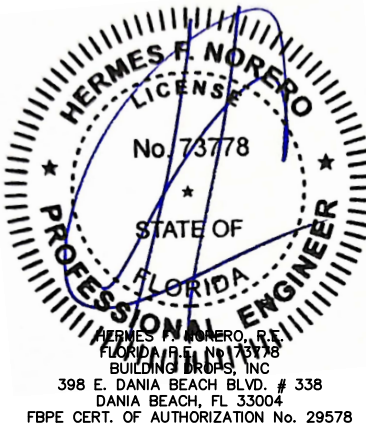
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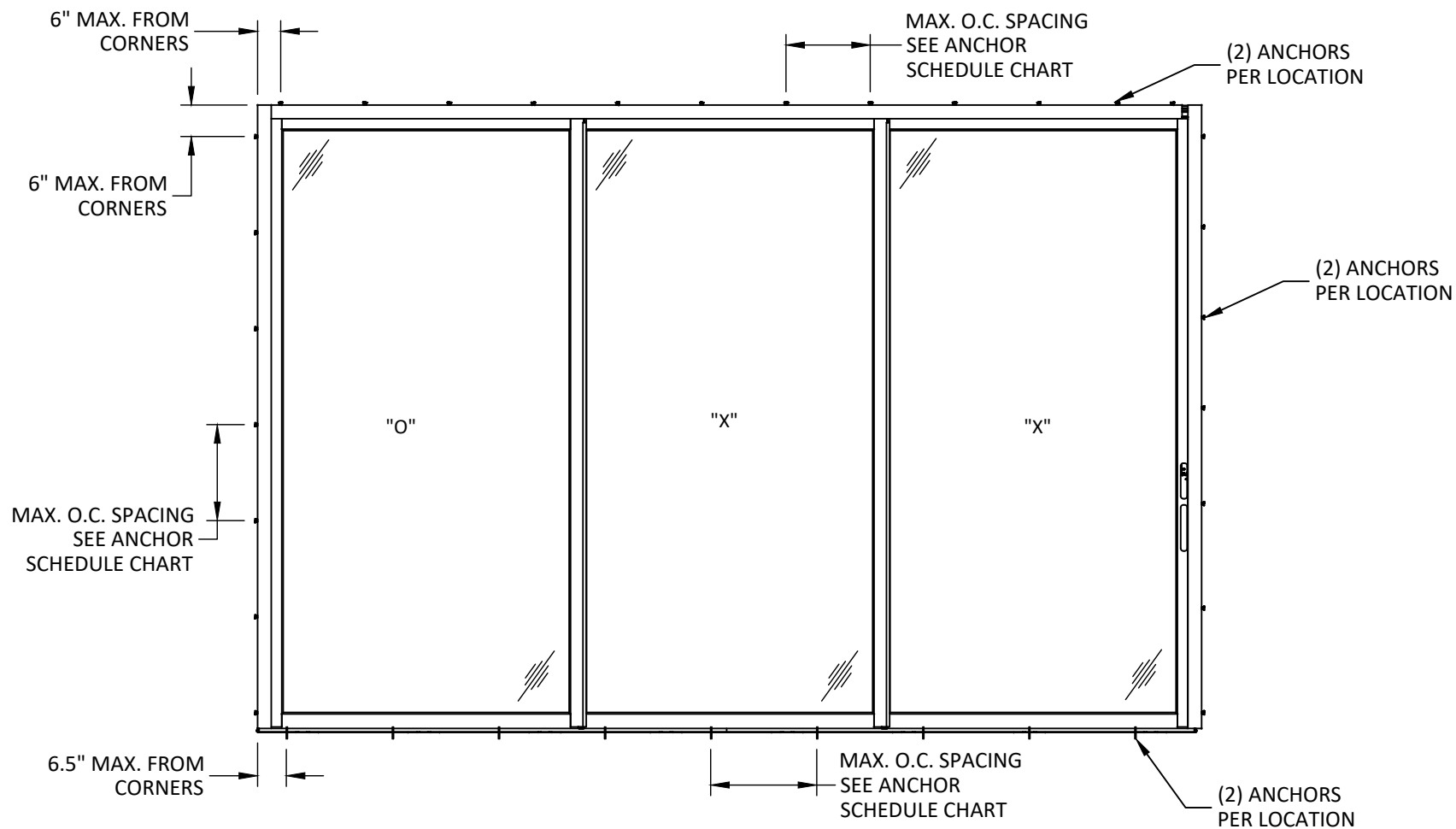
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ANCHOR LAYOUT
OXX

ANCHOR SCHEDULE				
CONFIG.	DESIGN PRESSURE	THROUGH FRAME		
		HEAD	JAMB	SILL
OXX	+/- 40 PSF	20.00	22.00	24.00



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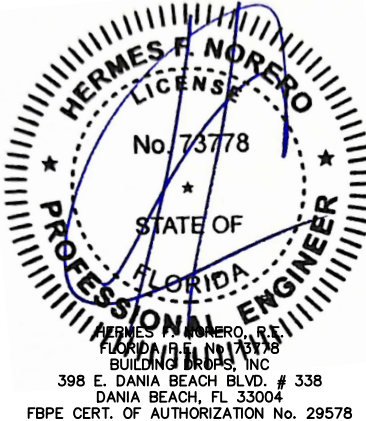
TITLE:
MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)
ANCHOR LAYOUT
& ANCHOR SCHEDULE

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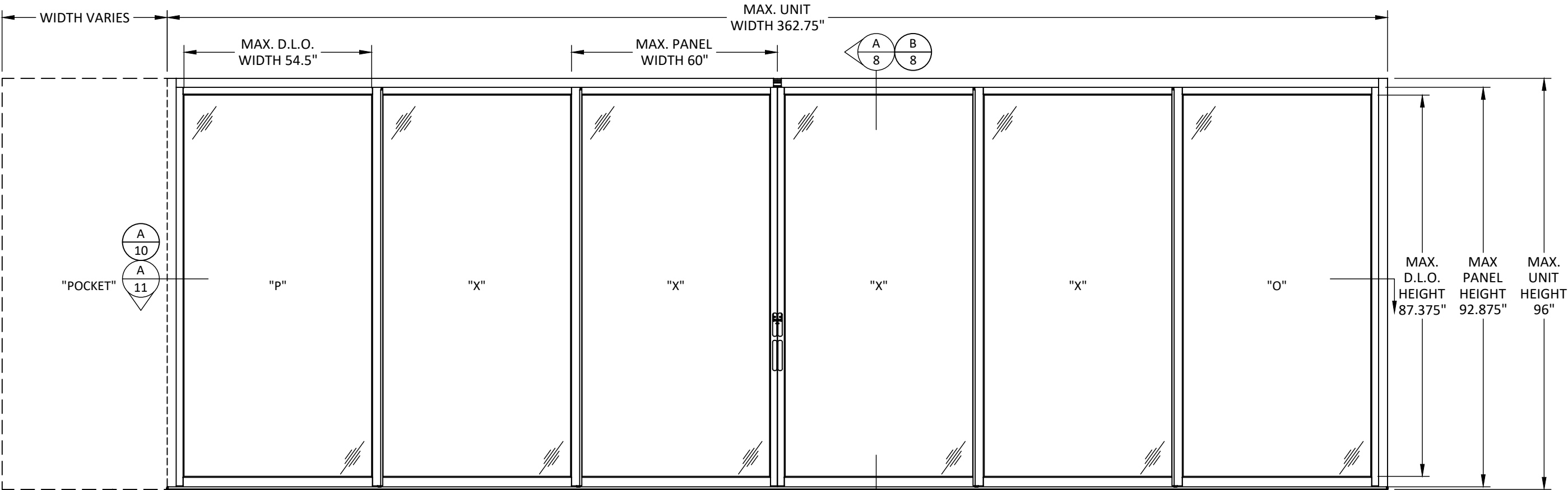
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3

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TYPICAL ELEVATION
PXX-XXO

CONFIGURATION APPROVED AT +/-30 PSF:
2-PANEL: XP & PX
3-PANEL: OXP, PXO, PXP, PXX, XXP
4-PANEL: OXXO, OXXP, OXXX, PXXO, PXXP, PXXX, XXXO, XXXP
5-PANEL: OXXXO, OXXXP, OXXXX, PXXXO, PXXXP, PXXXX, XXXXO, XXXXP
6-PANEL: OXXXXO, OXXXXP, OXXXXX, PXXXXO, PXXXXP, PXXXXX, XXXXXO, XXXXXP
ABOVE CONFIGURATIONS ARE QUALIFIED FOR PANEL SIZE SHOWN.

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BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE:
MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)
ELEVATION

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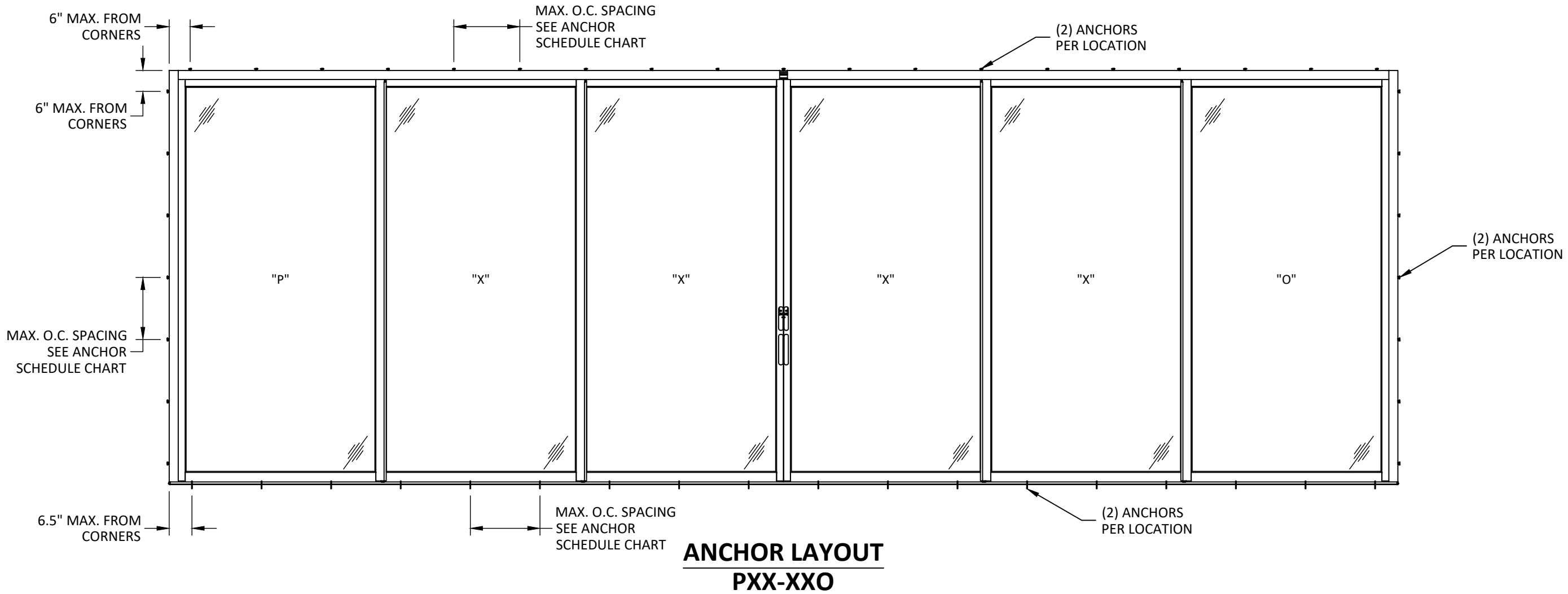
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ANCHOR LAYOUT
PXX-XXO

ANCHOR SCHEDULE				
CONFIG.	DESIGN PRESSURE	THROUGH FRAME		
		HEAD	JAMB	SILL
PXX-XXO	+/- 30 PSF	20.00	22.00	24.00



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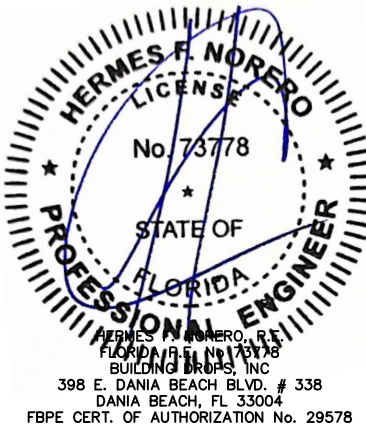
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MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)
ANCHOR LAYOUT
& ANCHOR SCHEDULE

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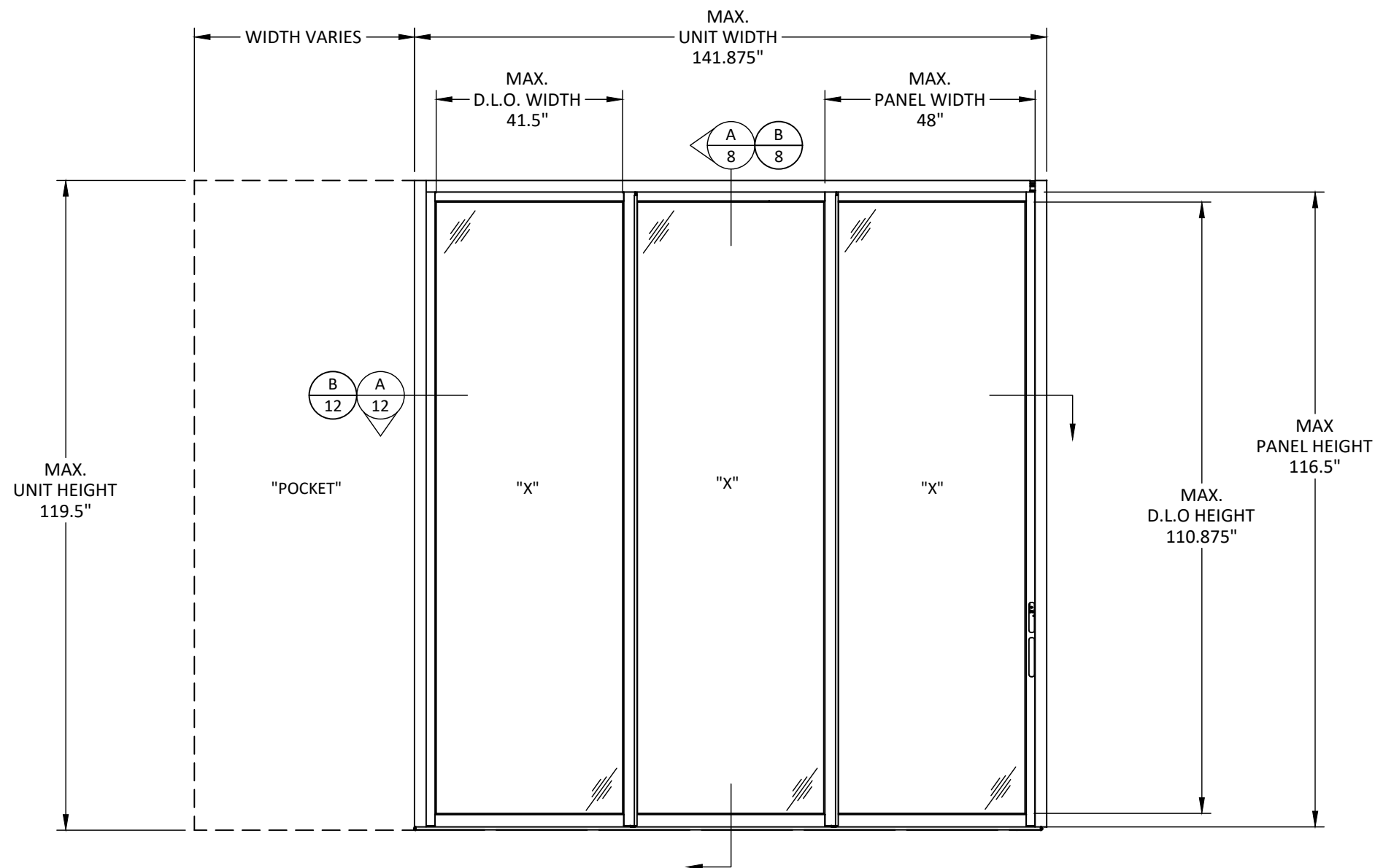
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**TYPICAL ELEVATION
PXXX**

CONFIGURATION APPROVED AT +/-30 PSF:
1-PANEL: PX, XP
2-PANEL: PXX, XXP
3-PANEL: PXXX, XXXP
ABOVE CONFIGURATIONS ARE QUALIFIED
FOR PANEL SIZE SHOWN.



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TITLE: MULTIGLIDE DOOR
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ELEVATION

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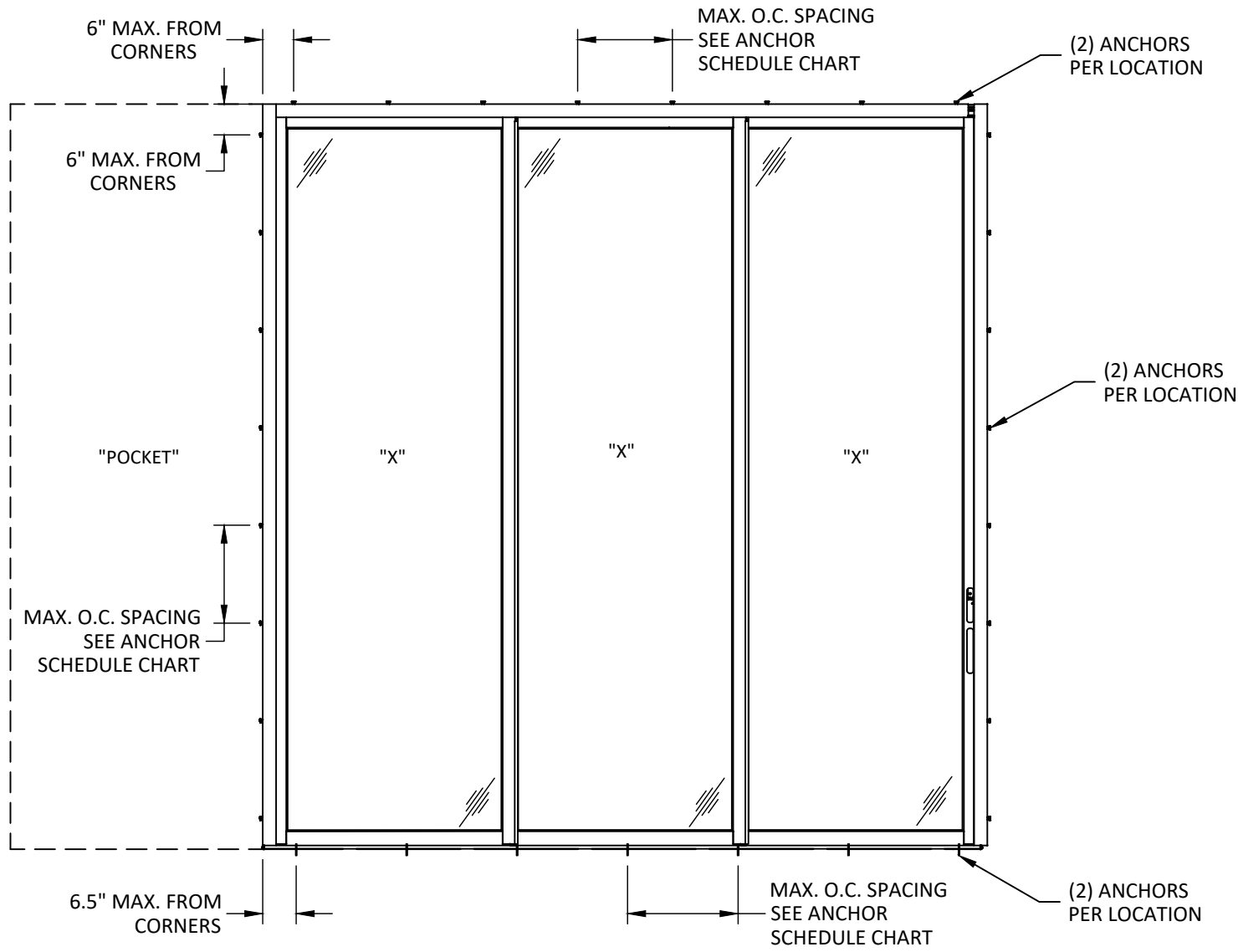
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ANCHOR LAYOUT
PXXX

ANCHOR SCHEDULE				
CONFIG.	DESIGN PRESSURE	THROUGH FRAME		
		HEAD	JAMB	SILL
PXXX	+/- 30 PSF	20.00	22.00	24.00



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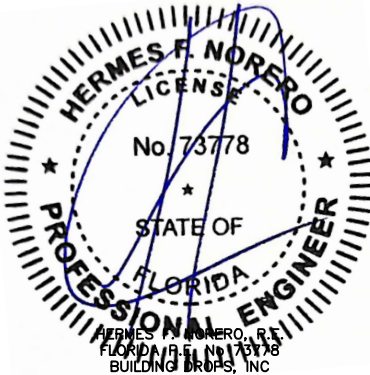
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MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)
ANCHOR LAYOUT
& ANCHOR SCHEDULE

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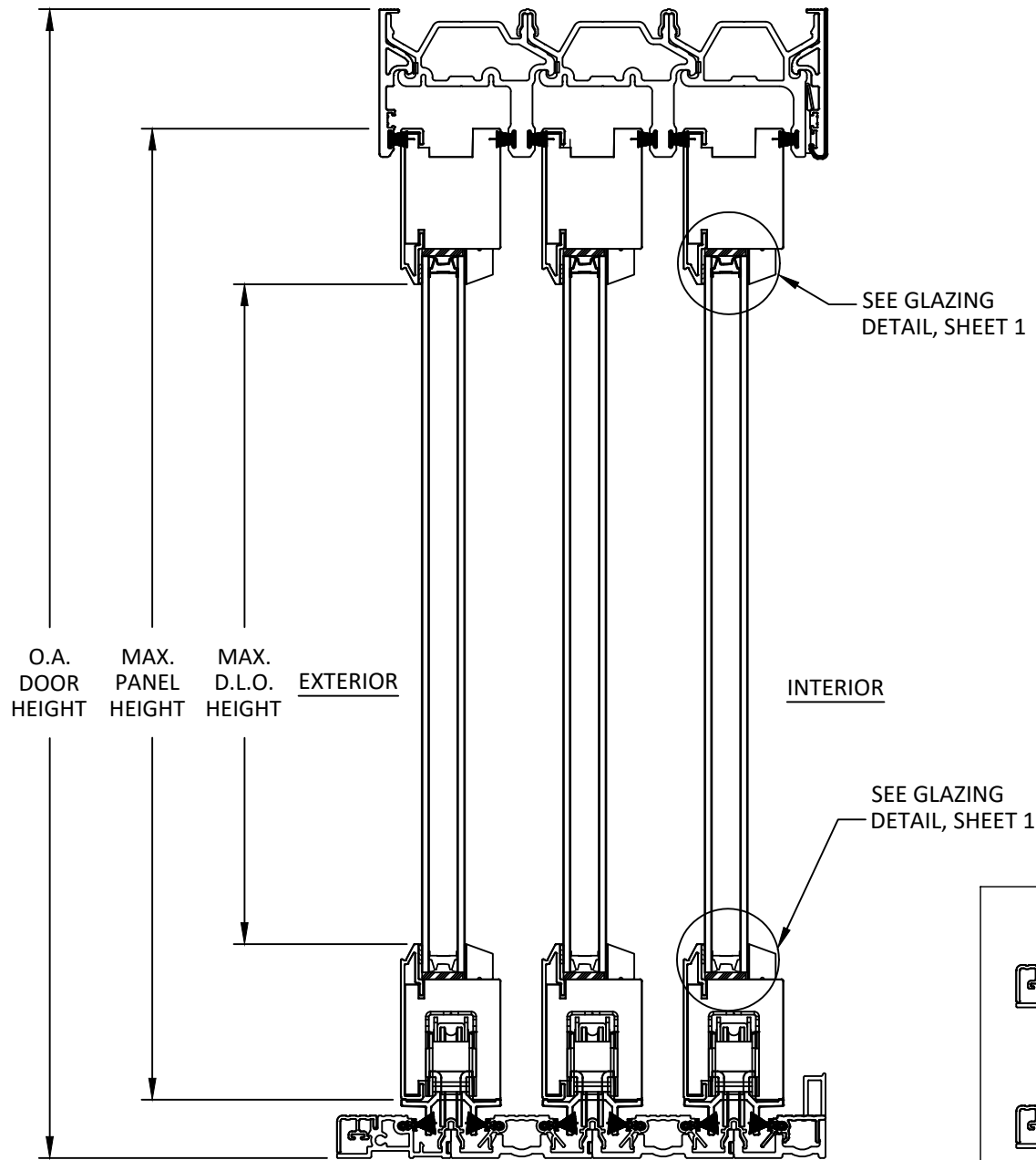
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HFN

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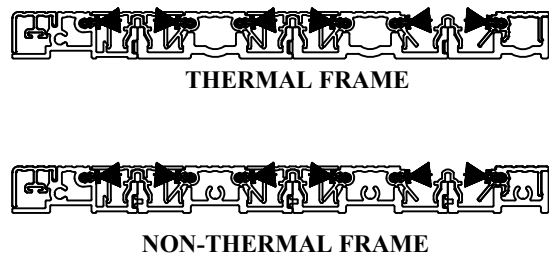
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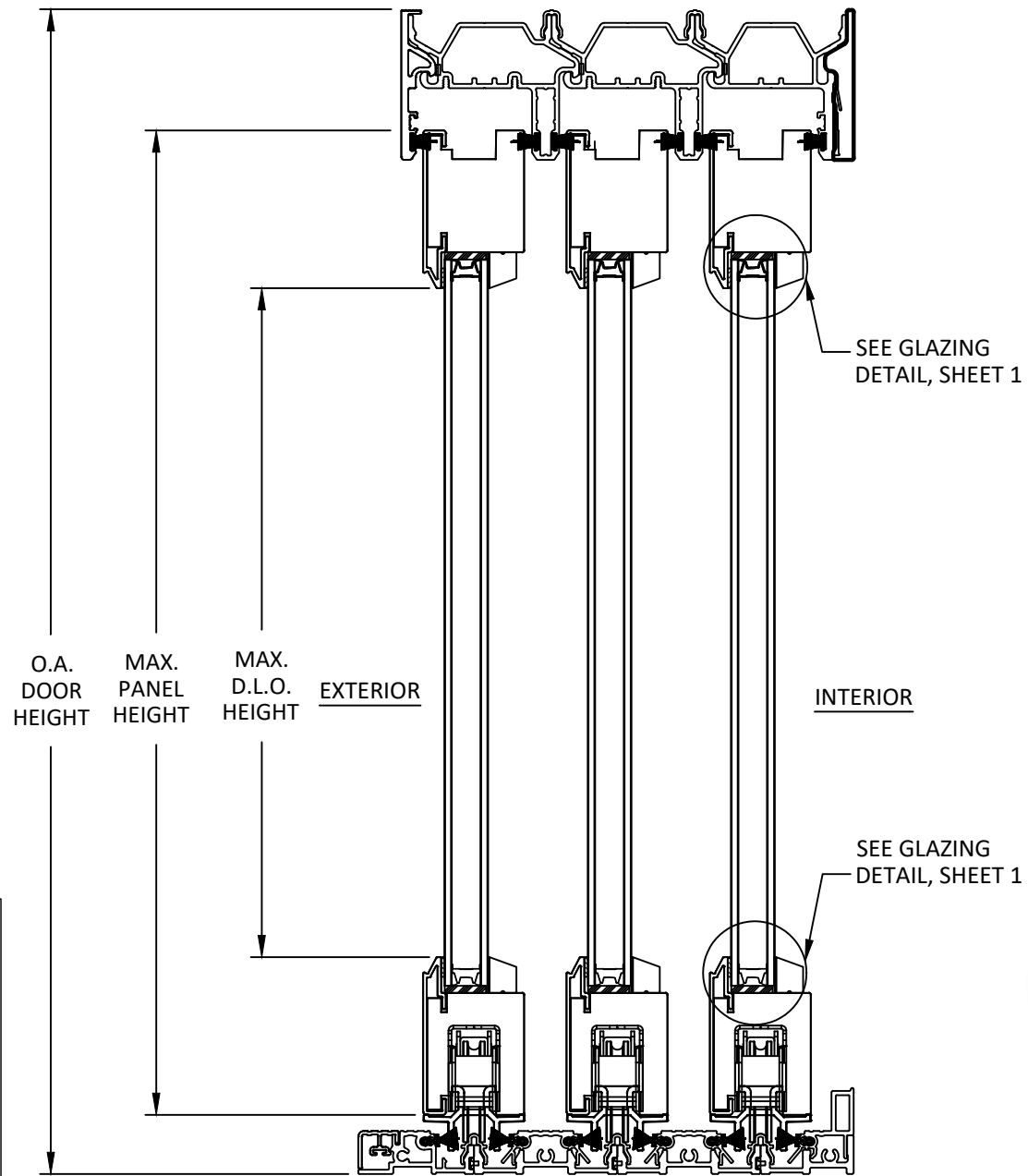
A
8
VERTICAL SECTION
THROUGH FRAME INSTALLATION
THERMAL FRAMES - SILL APPROVED FOR WATER RATING



QUALIFIED SILL
NON WATER RATED

INSTALLATION NOTES:

- TESTED SILL SHOWN UNDER A/6 & B/6 MEETS WATER INFILTRATION AT WATER PRESSURE OF 4.59 PSF.
- THE QUALIFIED FLAT SILL, THERMAL AND NON THERMAL ARE NOT RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION REQUIRES THAT PRODUCT MEETS THIS REQUIREMENT, PRODUCT SHALL BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH /OH HEIGHT IS GREATER OR EQUAL TO 1.
- XO & OX CONFIGURATIONS TO USE SIMILAR PROFILES WITH TWO TRACKS.
- ALL RAILS ARE 2-3/4" LVL



B
8
VERTICAL SECTION
THROUGH FRAME INSTALLATION
NON-THERMAL FRAMES - SILL APPROVED FOR WATER RATING



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TITLE: MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)

VERTICAL SECTIONS

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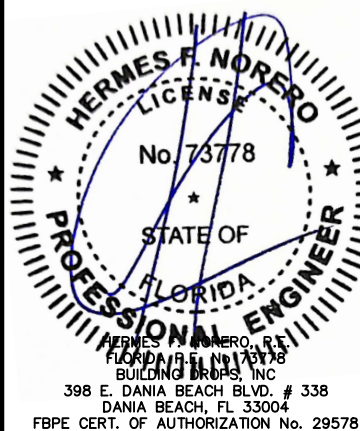
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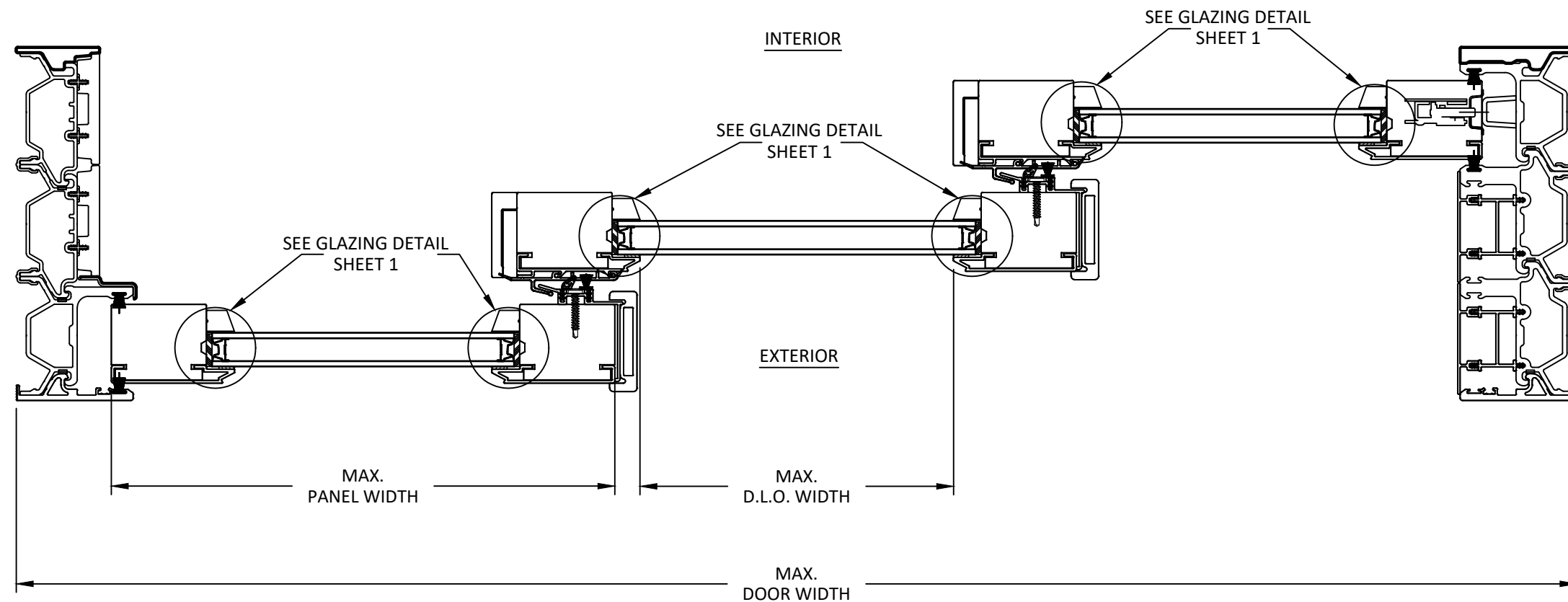
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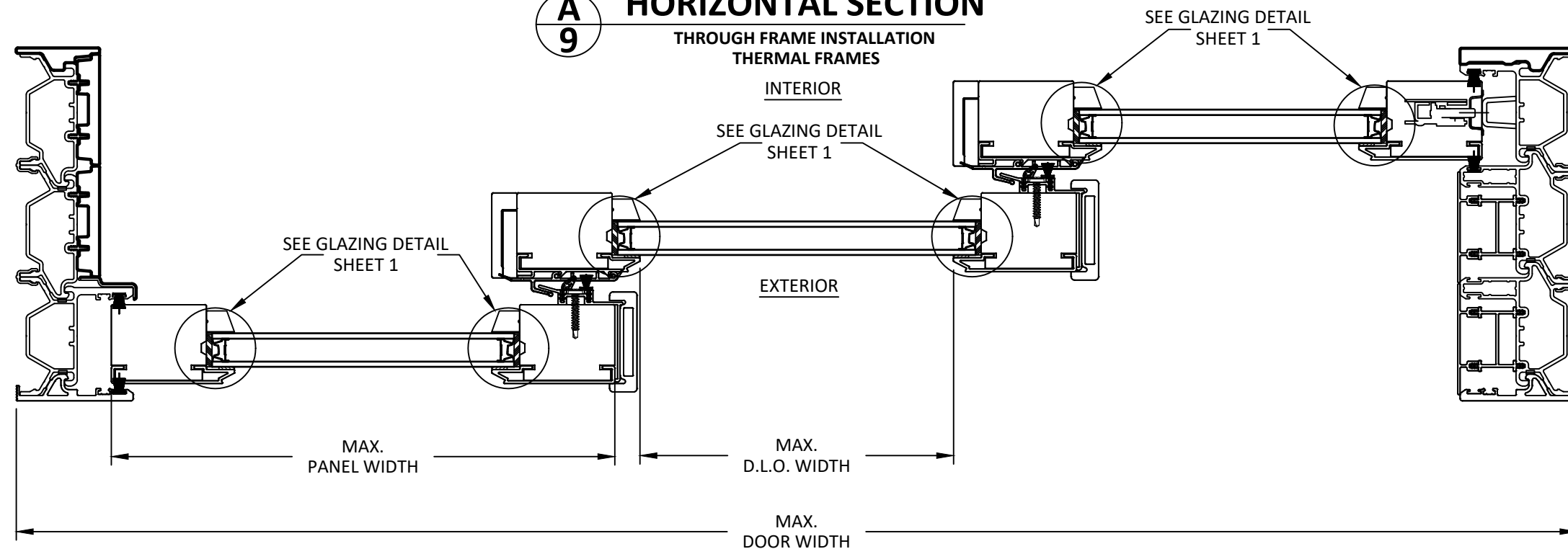
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SHEET

8



A
9 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
THERMAL FRAMES



B
9 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
NON-THERMAL FRAMES

- INSTALLATION NOTES:
1. XO & OX CONFIGURATIONS TO USE SIMILAR PROFILES WITH TWO TRACKS.
 2. ALL STILES ARE 2-3/4" LVL



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HORIZONTAL SECTIONS

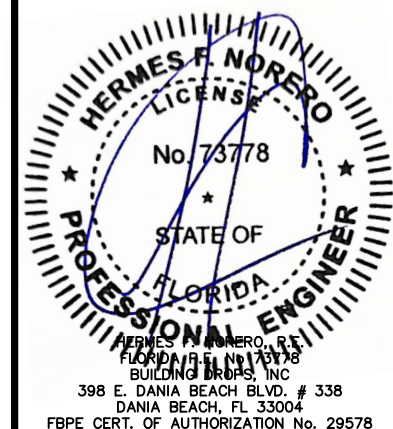
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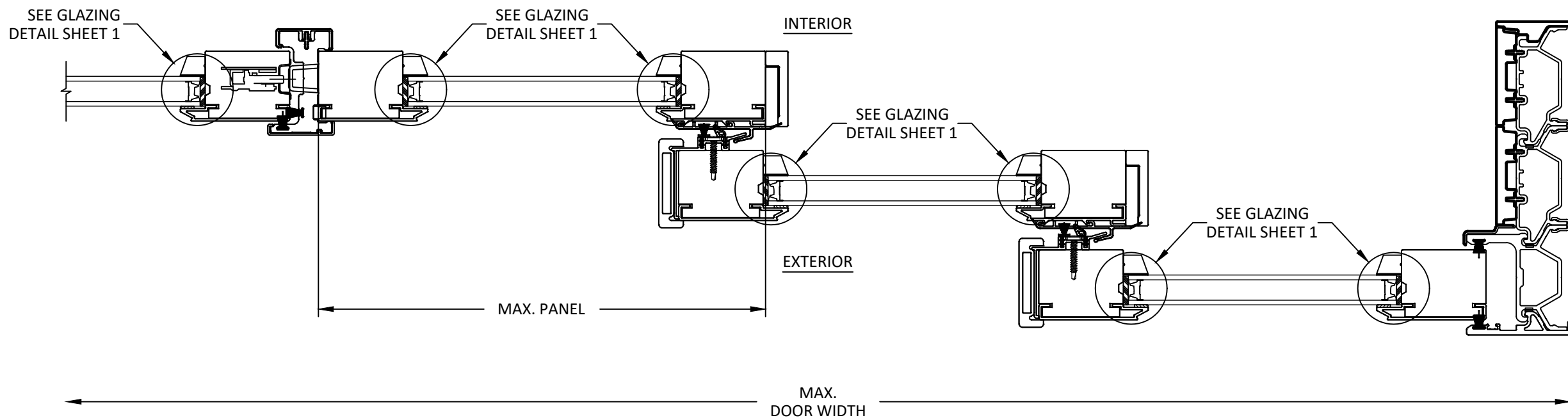
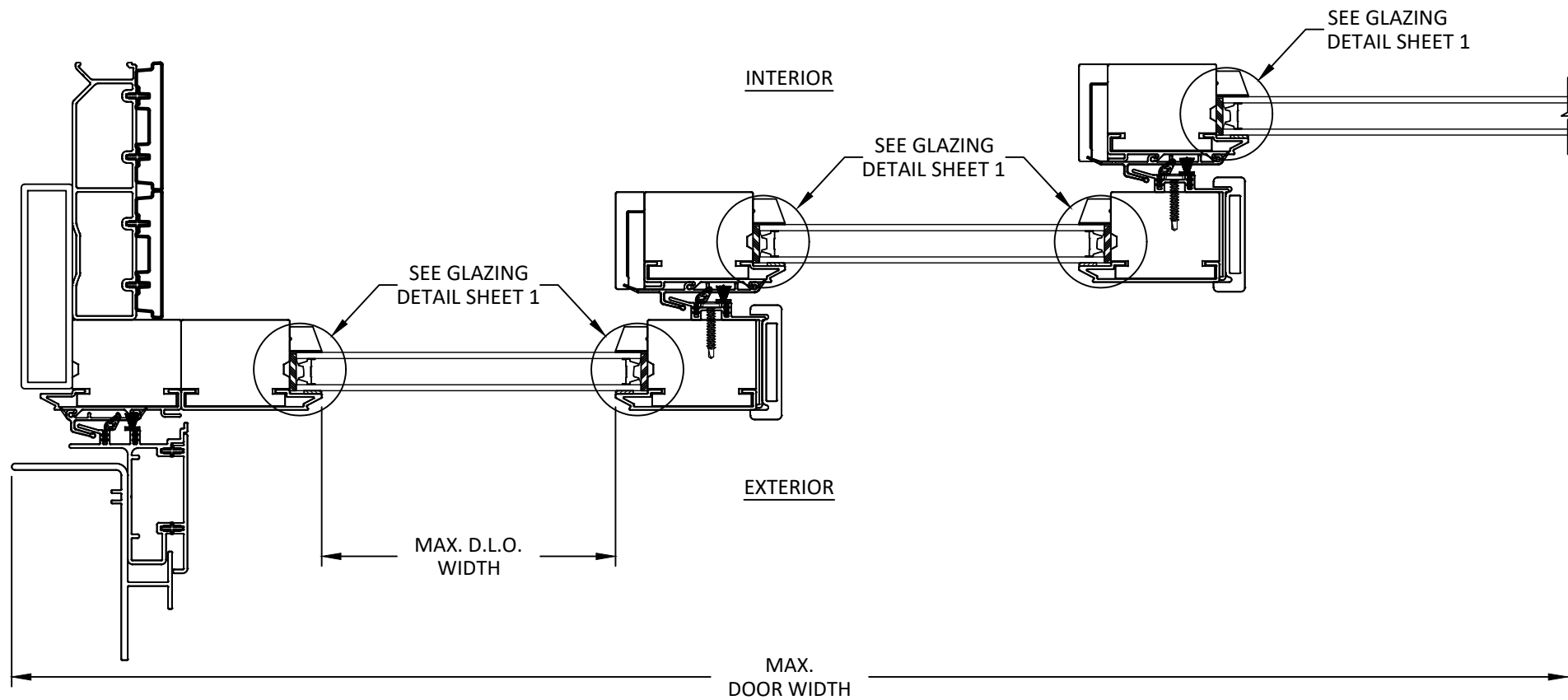
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A
10 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
THERMAL FRAMES

INSTALLATION NOTES:

1. ALL STILES ARE 2-3/4" LVL



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HORIZONTAL SECTION

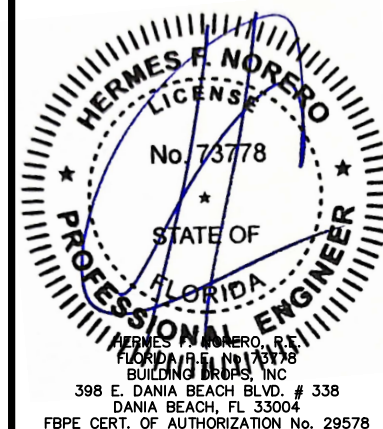
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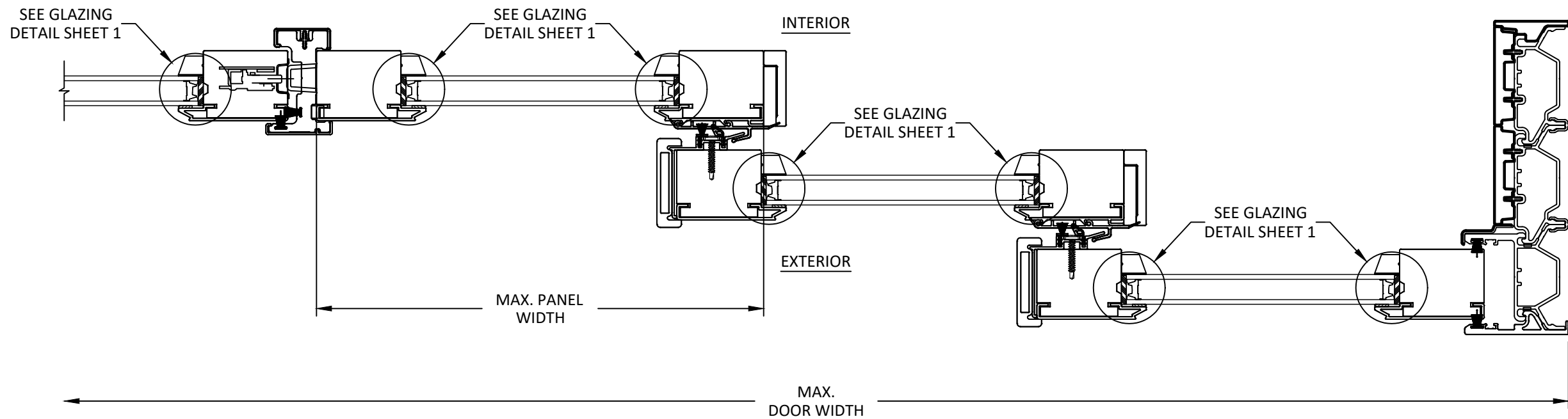
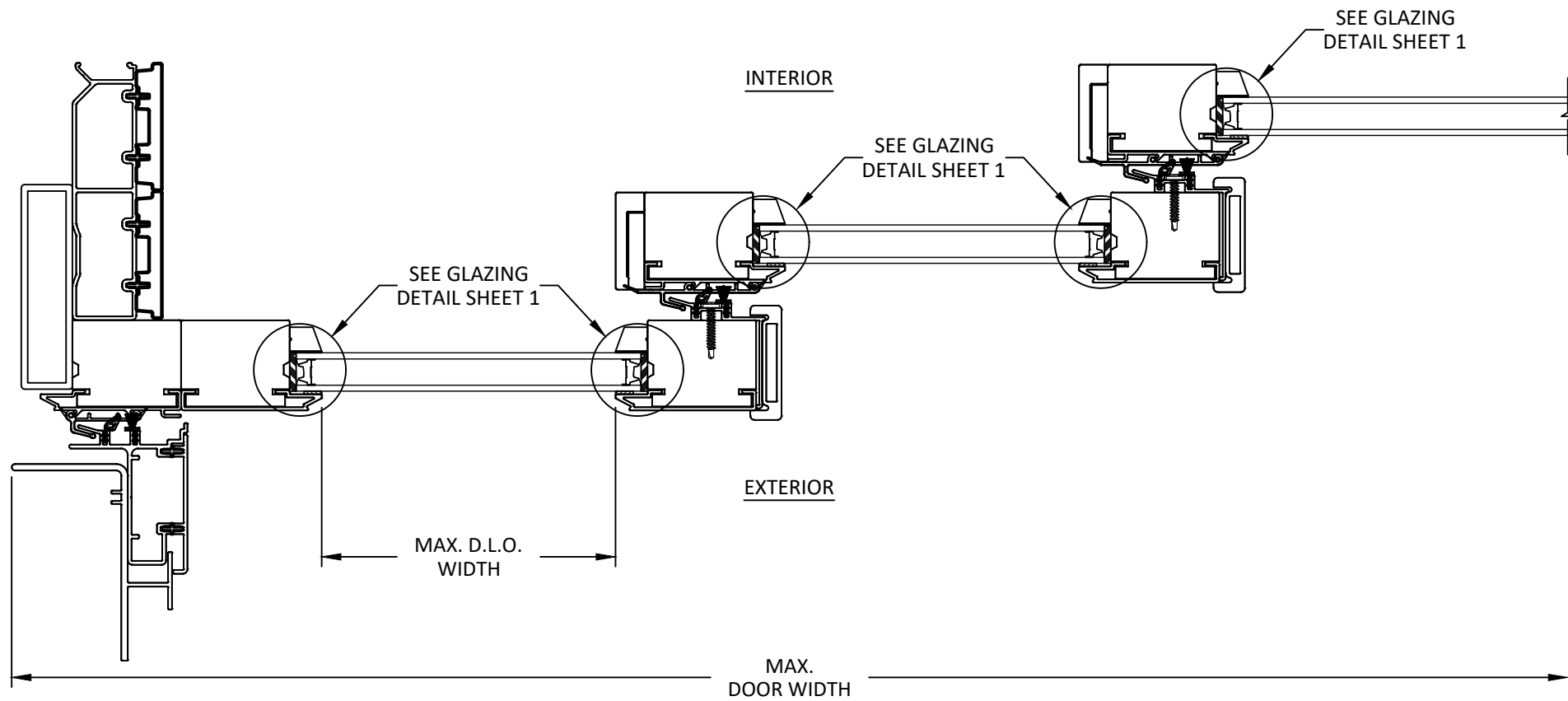
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DWG. #: **AWD247**

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10

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**A
11** **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
NON-THERMAL FRAMES

INSTALLATION NOTES:

1. ALL STILES ARE 2-3/4" LVL



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: **MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)**
HORIZONTAL SECTION

PREPARED BY: **BUILDING DROPS, INC.**

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
ELEVATION UPDATE	MS	01.25.22
8TH FBC CODE CHANGE	SH	10.11.23

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TITLE: MULTIGLIDE DOOR
(NON-IMPACT) (NON-HVHZ)

HORIZONTAL SECTIONS

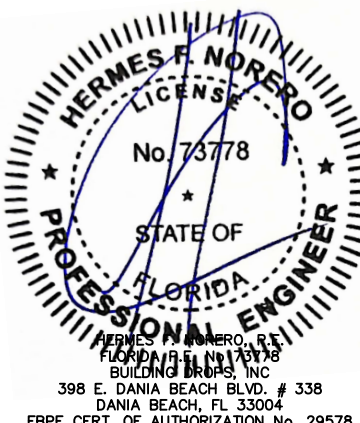
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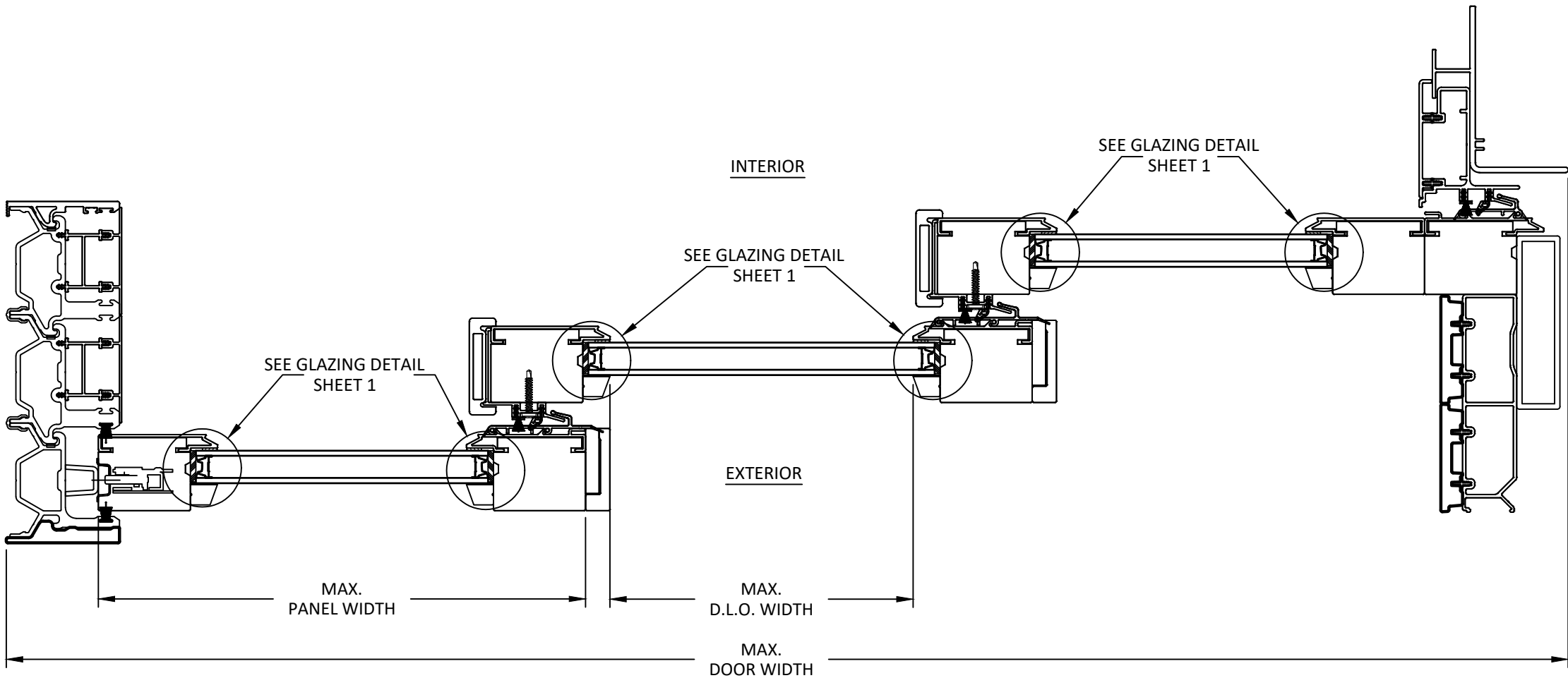
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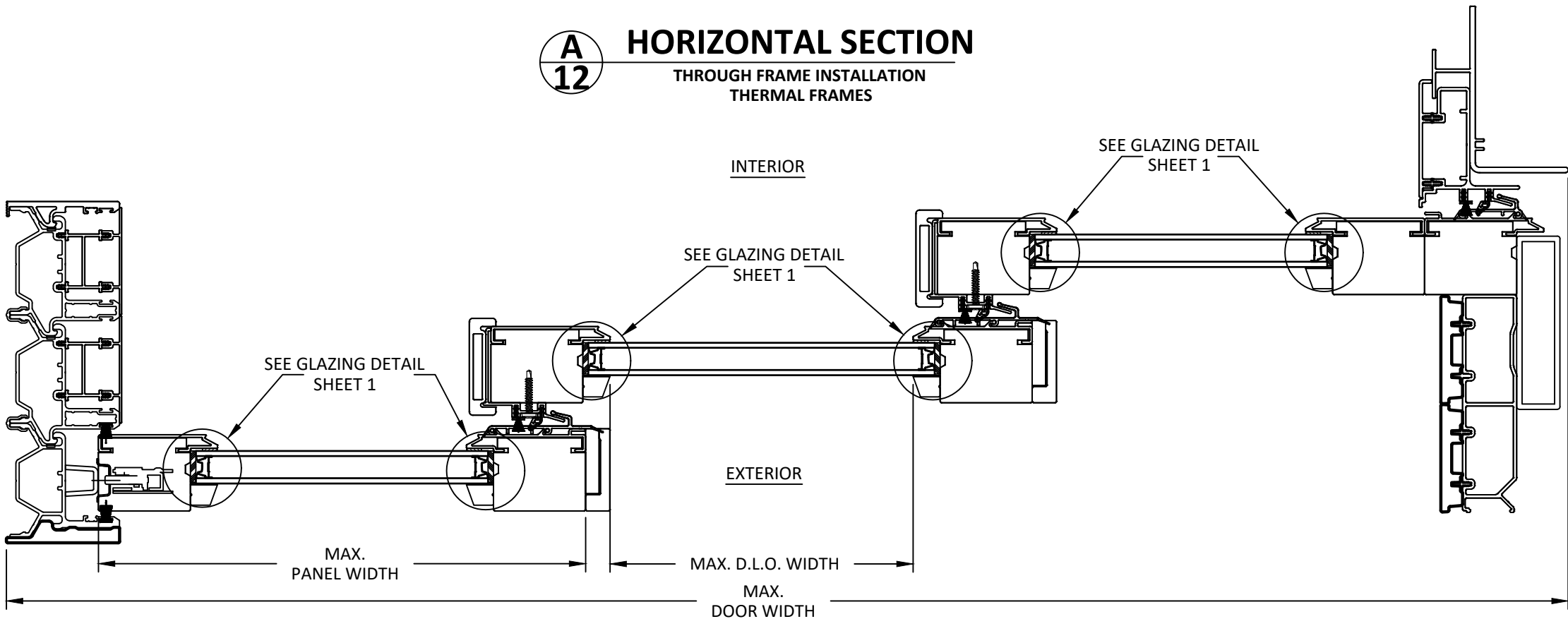
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OF 13



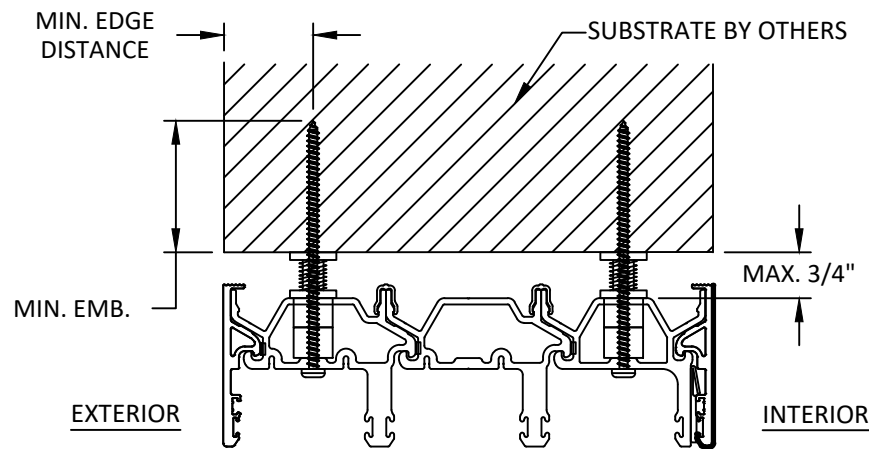
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12 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
THERMAL FRAMES



B
12 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
NON-THERMAL FRAMES

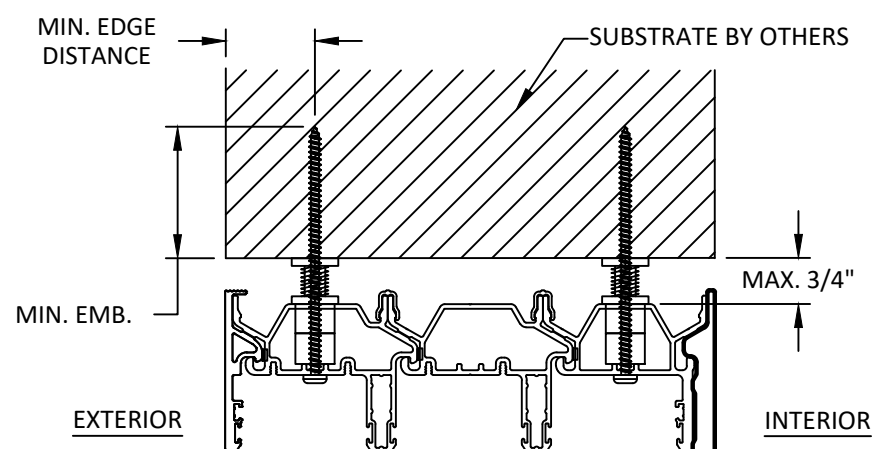
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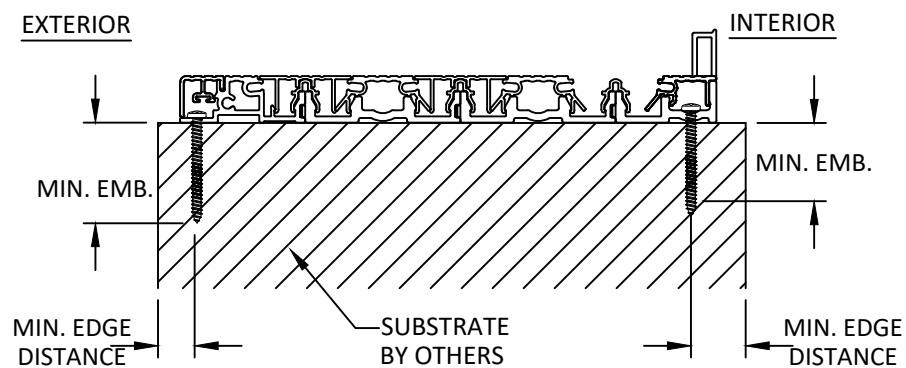
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13 **ANCHOR DETAIL**
HEAD (THROUGH FRAME)
THERMAL FRAME

NOTE:
JAMBS HAVE SIMILAR DETAIL.

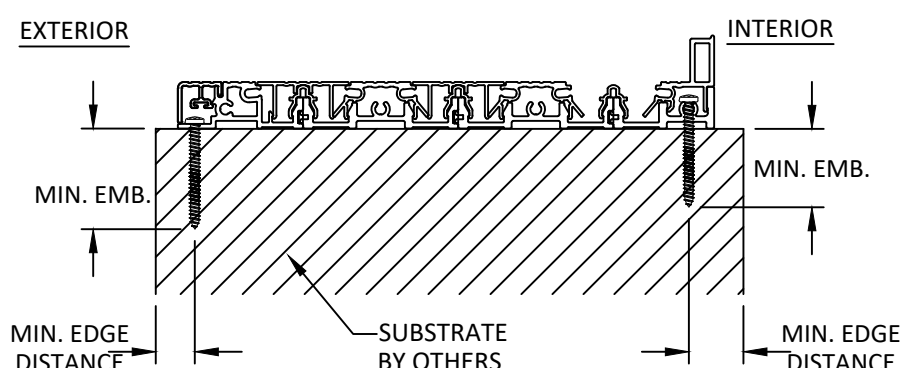


B
13 **ANCHOR DETAIL**
HEAD (THROUGH FRAME)
NON-THERMAL FRAME

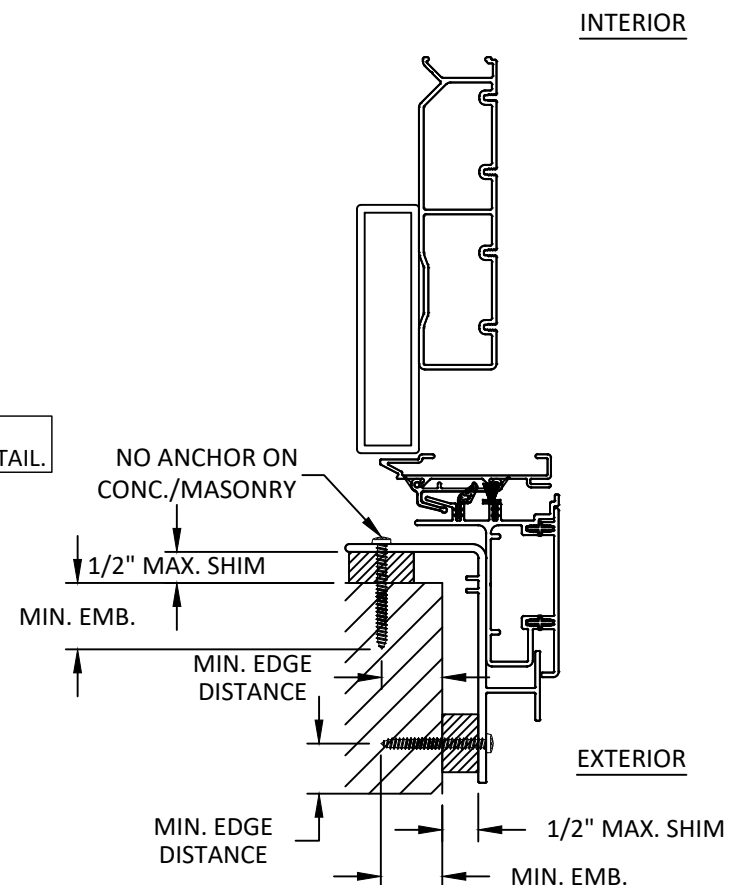
NOTE:
JAMBS HAVE SIMILAR DETAIL.



C
13 **ANCHOR DETAIL**
SILL (THROUGH FRAME)
THERMAL FRAME



D
13 **ANCHOR DETAIL**
SILL (THROUGH FRAME)
NON THERMAL FRAME



E
13 **ANCHOR DETAIL**
POCKET JAMB (THROUGH FRAME)
THERMAL/NON THERMAL FRAME

INSTALLATION NOTES:

1. TWO (2) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS SPECIFIED IN THE ANCHOR SCHEDULE.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. FOR MASONRY OR CONCRETE OPENINGS, 1X WOOD BUCK MAY BE USED (OPTIONAL AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE	NO OF ANCHORS PER LOCATION
THROUGH FRAME (HEAD AND JAMB)	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#12 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	2
	WOOD: MIN. SG = 0.55	#12 WOOD SCREW	1.5"	0.75"	2
	CONCRETE: f _c =2000PSI	1/4" ITW TAPCON	1"	1.50"	2
	MASONRY: CMU per ASTM C90	1/4" ITW TAPCON	1"	2"	2
THROUGH FRAME (SILL AND POCKET JAMB)	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1"	0.75"	2
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	2
	CONCRETE: f _c =2000PSI	3/16" ITW TAPCON	1"	2.25"	2
	MASONRY: CMU per ASTM C90	3/16" ITW TAPCON	1"	2"	2



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INSTALLATION NOTES & ANCHOR
DETAILS

PREPARED BY:

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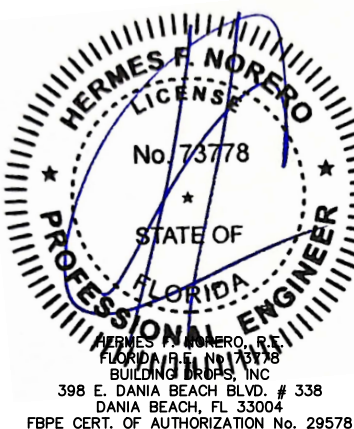
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